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<p style="text-align: center;"><b>TRANSMITTAL FORM</b></p> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>		Application Number	10/700,007-Conf. #3670
		Filing Date	November 3, 2003
		First Named Inventor	Earl D. Diem
		Art Unit	3661
		Examiner Name	Gary Chin
Total Number of Pages in This Submission		Attorney Docket Number	65899-0727

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): See Remarks		
<table border="1"> <tr> <td>Remarks</td> <td>Response to Notice Regarding Drawings Subsequent to Payment of Issue Fee and Submission of New Formal Drawings with Replacement Sheets 1 through 10; Copy of Notice Regarding Drawings.</td> </tr> </table>			Remarks	Response to Notice Regarding Drawings Subsequent to Payment of Issue Fee and Submission of New Formal Drawings with Replacement Sheets 1 through 10; Copy of Notice Regarding Drawings.
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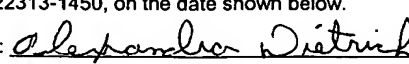
**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	RADER, FISHMAN & GRAUER PLLC		
Signature			
Printed name	Michael B. Stewart		
Date	August 2, 2005	Reg. No.	36,018

**Transmittal**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as Express Mail, Airbill No. EV 664578376 US in an envelope addressed to: Commissioner for Patents, Attention: Steven Field, Office of Patent Publication, Publishing Division, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: August 2, 2005

Signature:  (Alexandra Dietrich)

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Dated: August 2, 2005

Signature:

*Alexandra Dietrich*  
(Alexandra Dietrich)

Docket No.: 65899-0727  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Earl D. Diem

Application No.: 10/700,007

Filed: November 3, 2003

For: NON-INTRUSIVE DIAGNOSTIC TOOL FOR  
SENSING OXYGEN SENSOR OPERATION

Confirmation No.: 3670

Art Unit: 3661

Examiner: Chin, Gary

**RESPONSE TO NOTICE REGARDING DRAWINGS SUBSEQUENT TO PAYMENT  
OF ISSUE FEE AND SUBMISSION OF NEW FORMAL DRAWINGS WITH  
REPLACEMENT SHEETS 1 THROUGH 10**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

ATTENTION:

Steven Field  
Office of Patent Publication  
Publishing Division

Dear Sir:

Attached is a copy of the Notice dated June 13, 2005, requiring a response within two months. In response to the Notice new formal drawings are also enclosed. The ten sheets of drawings are all replacement sheets and are so labeled. It is respectfully submitted that all of the objections based on the Notice of Draftperson's patent drawing review accompanying the Notice have been addressed and that the application is ready to issue.

If there are any further concerns or questions, you are respectfully requested to contact the undersigned by phone to facilitate the providing of information.

It is believed that no fees are due. However, if necessary, the Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have

Application No.: 10/700,007

Docket No.: 65899-0727

been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-0013, under Order No. 65899-0727. A duplicate copy of this paper is enclosed.

Dated: August 2, 2005

Respectfully submitted,

By 

Michael B. Stewart

Registration No.: 36,018

RADER, FISHMAN & GRAUER PLLC

39533 Woodward Avenue

Suite 140

Bloomfield Hills, Michigan 48304

(248) 593-3323

Attorneys for Applicant

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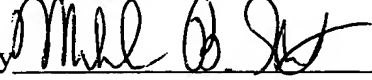
Application No.: 10/700,007

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39533 Woodward Avenue

Suite 140

Bloomfield Hills, Michigan 48304

(248) 593-3323

Attorneys for Applicant

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 11-3-03 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_  
☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

**2. PHOTOGRAPHS.** 37 CFR 1.84(b)  
☐ One (1) full-tone set is required. Fig(s) \_\_\_\_\_  
☐ Photographs may not be mounted. 37 CFR 1.84(e)  
☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_  
☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_

**3. TYPE OF PAPER.** 37 CFR 1.84(e)  
☐ Paper not flexible, strong, white, and durable. Fig(s) \_\_\_\_\_  
☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) \_\_\_\_\_

**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

☐ 21.0 cm by 29.7 cm (DIN size A4) or  
☐ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  
☐ All drawing sheets not the same size. Sheet(s) \_\_\_\_\_

☐ Drawing sheets not an acceptable size. Fig(s) \_\_\_\_\_

**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:  
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
☐ Margins not acceptable. Fig(s) \_\_\_\_\_

☐ Top (T) ☐ Left (L)  
☐ Right (R) ☐ Bottom (B)

**6. VIEWS.** 37 CFR 1.84(h)  
 REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly. Fig(s) \_\_\_\_\_

**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)  
☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)  
☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

**9. SCALE.** 37 CFR 1.84(k)  
☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) \_\_\_\_\_

**10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)

☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 5, 9, 13, 10

**11. SHADING.** 37 CFR 1.84(m)  
☐ Solid black areas pale. Fig(s) \_\_\_\_\_

☒ Solid black shading not permitted. Fig(s) 12  
**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)

☒ Numbers and reference characters not plain and legible. Fig(s) 9, 13

☐ Figure legends are poor. Fig(s) \_\_\_\_\_

☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) \_\_\_\_\_

☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) \_\_\_\_\_

☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) \_\_\_\_\_

**13. LEAD LINES.** 37 CFR 1.84(q)  
☐ Lead lines missing. Fig(s) \_\_\_\_\_

**14. NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) \_\_\_\_\_

**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)  
☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

**16. DESIGN DRAWINGS.** 37 CFR 1.152

☐ Surface shading shown not appropriate. Fig(s) \_\_\_\_\_

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_

COMMENTS:

Reviewer S. Feltz

If you have questions, call (703) 305-8404.

Date 6-13-05

Attachment to Paper No. \_\_\_\_\_



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER <b>10/700007</b> ✓	FILING/RECEIPT DATE <b>11/03/2003</b>	FIRST NAMES APPLICANT <b>DIEM, EARL D.</b>	ATTORNEY DOCKET NUMBER <b>65899-0727</b>
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**RADER, FISHMAN & GRAUER PLLC**  
**39533 WOODWARD AVENUE**  
**SUITE 140**  
**BLOOMFIELD HILLS MI 48304-0610**

Examiner  
**CHIN, GARY**  
  
Art Unit  
**3661**

Date Mailed: June 13, 2005 *gn*

## Notice Regarding Drawings

Corrected drawings for the above-identified application, received in the USPTO on **11-3-03** are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b).** Failure to take corrective action within the set period will result in abandonment of the application.

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review

**RETURN CORRECTED DRAWINGS TO:**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**

**Steven Fields**  
**Office of Patent Publication**  
**Publishing Division**  
**(703) 305-0333 ext. 129**